Development of a software tool for ambulant and stationary care to automatically create daily itinerary schedules

**Frontend/Backend Java Developer**

**Society and high-performance computing** – how do they relate? 😐
There is a major change affecting our society. People are getting older but there are less young professionals who can support them. Do you want to help to secure the care of all care-dependent people in an aging society? You want to work in a fast-changing environment. You want to be creative and have enough space for your own ideas? Then this is the right position for you!

**Who we are**

We are acuila, a Munich based start-up that develops a software tool for real-time creation and optimization of schedules for (ambulant) care services. By doing the everyday scheduling automatically and in an optimized way, the care-service saves time and can use it to spend more time at its patients or to increase the number of tended patients.

In cooperation with the Fraunhofer high-performance research institute for algorithms and scientific computing (SCAI), we finished a functional prototype.

Now we are iterating and preparing the launch of the product in March 2018 at the Klinikum rechts der Isar. In addition, we have another pilot customer, Johanniter Oberbayern, in the field of ambulant care that is highly interested in using our product as soon as it is available. That is why we need your support.

**The concept**

The product portfolio includes a desktop app for care-managers and mobile apps for their care-givers in the field with different functionality.
We are looking for a team of 2-5 students of computer science, computer engineering or a related field with a high motivation and willingness to learn. Next to your willingness to work interdisciplinarily with the business development and the CTO, we request:

Either:

- Strong experience with JavaFX 8
- Knowledge about CSS (JavaFX flavor)
- Interests in GUI conception and design
- Optional: Experience with JPA (Java Persistence API) together with Hibernate or similar technologies

Or:

- Interest in mobile cross-platform application development
- Experience with React Native

We will define work packages for the project part in a kick off meeting. Examples for the theoretical part (at least 5 ECTS) include the modules “Advanced Technology and Innovation Management” (4 SWS, WI000026), “Introduction to Entrepreneurship” (3 SWS, WI001058), “Project Management” (4/6 SWS, WI000264), “Grundlagen und international Aspekte der Unternehmensführung” (4 SWS, WI001028), “Financial Accounting” (4 SWS, WI001059 oder WI001139), “What future Mobility?” (2 SWS, WI001147) and “Entrepreneurship and Management in Health Care” (2 SWS).

#WE_CARE about you.

Any further doubts? If you are down for a challenge get on board! Apply with your CV and a motivational letter.

Luis Hopf, co-founder, luis.hopf@acuila.net